

ABSTRACT

A micromechanical component having a substrate beneath at least one structured layer, in the structured layer at least one functional structure being formed, a cap which covers the functional structure, between the cap and the functional structure at least one cavity being formed, and a connecting layer which connects the cap to structured layer, as well as a method for producing the micromechanical component. To obtain a compact and robust component, the connecting layer is formed from an anodically bondable glass, i.e. a bond glass, which has a thickness in the range of 300 nm to 100  $\mu\text{m}$ , which may in particular be in the range of 300 nm to 50  $\mu\text{m}$ .